

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (currently amended) An implant for releasing an active substance into a vessel having a wall and a lumen through which a body medium flows, the vessel lumen defining a central axis, said implant comprising:
_____ a) a basic body comprising an interior surface defining a basic body lumen, an exterior surface and a biodegradable material as substrate for the active substance to be released, and around which the body medium flows on the inside and/or outside of the implant;
_____ b) a coating on at least a portion of the basic body on its sides interior surface facing the vessel lumen axis;
_____ c) at least one cavity, each cavity having an opening, wherein the opening faces toward the vessel lumen axis; and,
_____ d) at least one hollow body which is adapted to contain the active substance.
2. (original) The implant of Claim 1, wherein the basic body comprises at least in part a biodegradable material selected from the group consisting of magnesium, iron and tungsten alloy.
3. (original) The implant of Claim 2, wherein the alloy is an alloy of the type WE.
4. (original) The implant of Claim 3, wherein the alloy is an alloy of the type WE43.
5. (original) The implant of Claim 2, wherein the alloy contains between 1 and 30% by weight of lithium.
6. (original) The implant of Claim 2, wherein the alloy contains between 0.1 and 10% by weight of aluminium.

7. (original) The implant of Claim 2, wherein the magnesium alloy contains between 0.01 and 2% by weight of zirconium.
8. (original) The implant of Claim 2, wherein the magnesium alloy comprises at least one constituent selected from the group consisting of rare earth metals, yttrium, lithium, aluminium and zirconium.
9. (original) The implant of Claim 1 wherein the basic body of the implant comprises a first, non-expanded condition and a second, expanded condition.
10. (cancelled)
11. (original) The implant of Claim 1, wherein the basic body is tubular, cylindrical, spherical or reticulate.
12. (original) An implant for regional drug delivery (RDD), comprising: a basic body comprising a biodegradable material as substrate for the active substance to be released, and around which the body medium flows on the inside and/or outside.
13. (currently amended) The regional drug delivery implant of Claim 12, wherein said implant is used for tumour treatment.